



ROLLED STEEL BALLS

In 1965 we introduced ROLLED STEEL GRINDING BALLS in the size range 1in to 2in (25mm to 50mm). They are produced by a new process where the ball is rolled direct from bar, followed by in line heat treatment giving a uniform hardness throughout.

This process has great technical advantages over conventional forging methods, the most important being the continuous grain flow produced by rolling compared with the somewhat uneven effect of hammer forging. This type of ball has proved so successful that further rolling equipment has recently been commissioned.

We can now supply ROLLED BALLS in two qualities, i.e. from .7/.9% carbon steel giving a final hardness figure of 600 BHN and from .6/1% carbon steel with a minimum hardness of 350 BHN and in sizes from 12mm up to 50mm.

We can also supply high chrome steel balls. Send us your specifications.

FORGED STEEL BALLS

For sizes 2½in (60mm) and over, where grinding is by impact rather than abrasion, we offer balls forged by traditional methods. This means that manufacture can be from billet rather than rolled bar, allowing prices to be maintained at a very competitive level.

Size (in. dia.)	Approx. Weight	Average No. per ton (2 240 lbs.)	Surface Area in sq. in.
6	32 lb.	69	113.00
5½	22 lb.	102	85.15
5	18½ lb.	121	78.50
4½	13½ lb.	165	63.65
4	9½ lb.	233	50.30
3½	6½ lb.	350	38.50
3	4 lb.	560	28.27
2½	2 ½ lb.	972	19.64
2	1¼ lb.	1866	12.57
1½	8 oz.	4480	7.07
1¼	4½ oz.	7500	5.00
1	2½ oz.	14900	3.14
¾	1 oz.	35840	1.77